TAB

INFORMATION SCIENCE TRAINING DURING FY __ 70
IN WHICH INTELLIGENCE PERSONNEL FROM ___ CIA ___ PARTICIPATED

1/ SOURCE PROVIDING TRAINING	2/ COURSE TITLE	3/ CATEGORY OF TRAINING						4/ TOTAL CLASS HOURS		5/ TRAINEES TOTAL, listing by Military and Civilian by User, or System Personnel is shown on continuation page.	
		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time		Total	Line Reference on Con't Page
American University (H)	ADP Systems 55.530	X							90	2	1.
" "	Automatic Data Processing 55.530	X							270	6	2.
" "	Introduction to Data Processing 55.310	X							360	8	3.
" "	System Design for Business Operations 55.560		X						45	1	4.
" "	Systems Planning and Analysis		X						45	1	5.
							SOURCE TOTAL		810	18	
American University	Accounting Methods 10.400					X			45	1	6.
" "	ADP Systems 55.530		X						45	1	7.
" "	Automatic Data Processing 55.530	X							135	3	8.

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
American University	Computer Programming I 55.412			X				45	1	9.
" "	Introduction to Data Processing 55.310	X						360	8	10.
" "	Management of Automatic Data Processing Systems 55.561		X					45	1	11.
" "	Systems Design 55.560		X					180	4	12.
" "	Systems Planning and Analysis		X					45	1	13.
" "	The Systems Approach 55.511		X					45	1	14.
						SOURCE TOTAL		945	21	
George Washington University	Analog and Hybrid Computers ENG 256			X		X		90	2	15.
"	Assembler Language Coding for New Programmers					X		45	1	16.

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
George Washington University	Computer Systems Analysis Techniques		X					45	1	17.
"	Data Processing System BAd 120		X					45	1	18.
"	Digital Computer Programming Conceptions B&PA 219	X						45	1	19.
"	Digital Control Systems of Engineering ENG 122		X		X			45	1	20.
"	Digital Systems 272		X					45	1	21.
"	Introduction to Data Processing BAd 116	X						90	2	22.
"	Management of Data Processing Organization BA 223				X	X		45	1	23.
"	Operation Research and Information Retrieval B&PA 229					X		45	1	24.

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't Time	Non-Gov't Time	Total	Line Reference on Con't Page
George Washington University	Survey of Data Processing B&PA 218	X						90	2	25.
	SOURCE TOTAL							630	14	
Harvard University	Computer Graphics (correspondence course)					X		0	1	26.
	SOURCE TOTAL							0	1	
Northern Virginia Community College	FORTRAN IV			X				45	1	27.
"	Introduction to Data Processing DAPR 100	X						45	1	28.
"	Principles Procedures ADP Systems				X			58	2	29.
	SOURCE TOTAL							148	4	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
Prince Georges Community College	Data Processing DP153	X						60	1	30.
					SOURCE TOTAL			60	1	
University of Southern California	Computer-Orientation Techniques in Pattern Recognition				X		40		1	31.
"	Digital Communications					X	80		1	32.
					SOURCE TOTAL		120		2	
UCLA Extension	Image Processing by Computer				X		80		1	33.
"	Measurement and Analysis of Random Data					X	40		1	34.
					SOURCE TOTAL		120		2	
University of Michigan	Digital Communications					X	40		1	35.
					SOURCE TOTAL		40		1	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't Time	Non-Gov't Time	Total	Line Reference on Con't Page
University of California	Image Processing by Computer				X		80		1	36.
	Number Analysis and Digital Computer Methods Engineering System					X	40		1	37.
	SOURCE TOTAL						120		2	
University of Maryland	Automata Theory and Neural Models					X	45		1	38.
"	Data and Storage Structure CMSC 150					X	45		1	39.
"	Software Design					X	45		1	40.
	SOURCE TOTAL						135		3	
University of Virginia	Introduction to ADP GSDP 52	X					90		2	41.
	SOURCE TOTAL						90		2	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques		Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't. Page
University of Santa Clara	Management Standards for ADP				X			45		1	42.
				SOURCE TOTAL				45		1	
University of Wisconsin Madison	Introduction to Digital Logic	X						40		1	43.
				SOURCE TOTAL				40		1	
Central Intelligence Agency	ADP Orientation	X						4944		206	44.
"	ALC Macro Writing				X		X	440		16	45.
"	APL/360				X			936		39	46.
"	Basic Business System Analysis II			X				3720		31	47.
"	Compile Time Facilities in PL/1				X			32		4	48.

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
Central Intelligence Agency	FORTRAN			X			390		13	49.
	Interactive EDP Orientation				X		204		17	50.
"	Linear Programming			X			384		16	51.
"	Modified ADEPT			X			2600		13	52.
"	Operating System/360		X				330		11	53.
"	PL/1 Intermediate			X			820		27	54.
"	Systems Analysis		X				1920		24	55.
"	360 Introduction	X		X			384		12	56.
					SOURCE TOTAL		17104		429	
Armed Forces Staff College	ADP Basic (correspondence course)	X					0		3	57.
					SOURCE TOTAL		0		3	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time		Total	Line Reference on Con't Page
Civil Service Annapolis	Data Analysis		X					24			1	58.
					SOURCE TOTAL			24			1	
Civil Service Commission Washington, DC	Advanced Systems Technology for ADP Systems Analysis CS 8226 ADP		X					40			1	59.
"	Computer System Evaluation and Selection		X					24			1	60.
"	Decision Tables CS 8636 ADP					X		24			1	61.
"	Field Work Program ADP Systems Analysis		X					66			1	62.
"	Seminar in ADP Management and Administration CS 8627 ADP				X			24			1	63.

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
Civil Service Commission Washington, DC	Systems Analysis CS 8605 MID		X				60		1	64.
"	Systems Analysis for Computer Programmers CS 8624 ADP		X				120		3	65.
"	Systems Analysis for Government Operations		X				48		2	66.
"	Systems Analysis Seminar		X				60		1	67.
"	Systems Workshop for Computer Specialists CS 8635 ADP		X				40		1	68.
"	Workshop for Programmers CS 8622			X			160		2	69.
	SOURCE TOTAL						666		15	
Defense Intelligence School	Information Science in Support of Intelligence				X		760		3	70.

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
Defense Intelligence School	Information Sciences Institute	X				X	320		1	71.
					SOURCE TOTAL		1080		4	
DOD Computer Institute Washington, D. C.	Seminar in ADP Management and Administration				X		40		1	72.
					SOURCE TOTAL		40		1	
USA Adjutant General School	Introduction to ADP (correspondence course)	X					0		3	73.
	Introduction to Computer Processing (correspondence course)	X					0		1	74.
					SOURCE TOTAL		0		4	
USDA	Assembler Language Coding for New Programmers D3-523				X	X	45		1	75.

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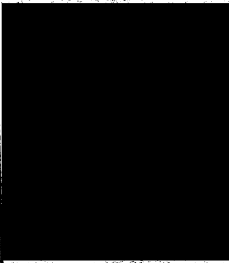| 1/ SOURCE PROVIDING TRAINING	2/ COURSE TITLE	3/ CATEGORY OF TRAINING					4/	TOTAL CLASS HOURS		5/ TRAINEES TOTAL, listing by Military and Civilian by User, or System Personnel is shown on continuation page.	
		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't Time	Non-Gov't Time		Total	Line Reference on Con't Page
USDA	Data Processing D3-559	X						40		1	76.
"	Lectures on Systems Management - Control		X					24		1	77.
					SOURCE TOTAL			109		3	
USDA Graduate School Agriculture	ADP Systems		X					24		1	78.
"	Assembler Language Coding for New Programmers D3-523			X				90		2	79.
"	Disk/Tape Operating Systems - Systems Program		X					45		1	80.
"	Introduction to Computer Processing	X						40		1	81.
"	Lectures on Systems Management - Control		X		X			24		1	82.
								223		6	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
USDA Graduate School	Effective Management DP6-6				X			45	1	83.
	SOURCE TOTAL							45	1	84.
25X1A	Computer Programming			X				24	1	
	SOURCE TOTAL							24	1	
	Operating Systems Coding					X		16	2	85.
	Seminar in ADP				X			16	1	86.
	SOURCE TOTAL							32	3	
	Decision Tables					X	24		1	87.
	Decision Tables Principles and Applications					X	24		1	88.
	SOURCE TOTAL						48		2	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
	Opitical Character Recognition				X		24		1	89.
				SOURCE TOTAL			24		1	
	Computer Programming 8401			X			152		1	90.
				SOURCE TOTAL			152		1	
	Data Base Management				X		24		1	91.
	Master Operating System CDC		X				40		1	92.
	Optical Character				X		72		3	93.
	The Mini-Computers Impact on the 70's				X	X	48		2	94.
	1700 Assembler Language			X			40		1	95.
				SOURCE TOTAL			224		8	

25X1A

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	User Training Course				X		320		4	96.
				SOURCE TOTAL			320		4	
	ALC Workshop II K3601-63			X			24		1	97.
	Computing Systems Fundamentals Y9897		X				112		3	98.
	Fundamentals of Programming F3601	X					120		3	99.
	Operating Sytems Generation 13660-63		X				80		2	100.
	Operating Systems Coding S3660-65		X				72		1	101.
	OS Coding S/360					X	192		4	102.
	OS Operators Training Systems/360 A3661					X	40		1	103.

25X1A

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
25X1A ▮▮▮▮▮	S/360 ALC Workshop K3601			X			128		7	104.
"	S/360 Basic PL/1 Coding P3650			X			288		3	105.
"	S/360 Computer Systems Design and Analysis D3602		X				160		2	106.
"	S/360 OS Data Management Coding H3667					X	40		1	107.
"	S/360 QTAM Coding Workshop K3664					X	40		1	108.
"	Systems Programming H3668		X	X			45		1	109.
"	360 Assembly Language Coding K3600					X	32		1	110.
					SOURCE TOTAL		1373		31	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time		Total	Line Reference on Con't Page
25X1A	Executive Computer Concepts EX-83				X		40			1	111.
					SOURCE TOTAL		40			1	
	ADP for Intelligence Community Exercise				X		240			6	112.
	Data Processing for Executives				X		40			1	113.
					SOURCE TOTAL		280			7	
	1130 Programming Systems S1130		X				24			1	114.
					SOURCE TOTAL		24			1	
	Expanding Use of Computers in 1970				X		24			1	115.
					SOURCE TOTAL		24			1	

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25X1A

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	Management of Automatic Data Processing Systems				X		24		1	116.
	Time Sharing Theory and Operation					X	24		1	117.
	SOURCE TOTAL						48		2	
	Data Analysis					X	24		1	118.
	SOURCE TOTAL						24		1	
	Computer Programming			X			80		1	119.
	DDP-516 Programming			X			200		1	120.
	16 Bit Equipment Accelerated			X			40		1	121.
	SOURCE TOTAL						320		3	

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't Page
	Digital Computers in Real Time					X	32		1	122.
	SOURCE TOTAL						32		1	
	Digital Communications					X	40		1	123.
	Digital System Engineering		X			X	40		1	124.
	Logical Design for Digital Systems		X				120		3	125.
	SOURCE TOTAL						200		5	
	Digital Communications					X	40		1	126.
	Digital Systems		X				80		2	127.
	Logical Design for Digital Systems		X				165		4	128.
	SOURCE TOTAL						285		7	

25X1A

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	Digital Communications					X	40		1	129.
	Logical Design for Digital Systems		X				40		1	130.
				SOURCE TOTAL			80		2	
	Familiarization and Testing 650 Computer Programs I			X	X		56		1	131.
	Ruggednova Familiariation	X					56		1	132.
				SOURCE TOTAL			112		2	
	Computer Programming			X			80		1	133.
				SOURCE TOTAL			80		1	
	Workshop Conference				X		40		1	134.
				SOURCE TOTAL			40		1	

25X1A

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		General Orientation	Systems Analysis and Design	Computer Programming	Application	Methods and Techniques	Gov't. Time	Non-Gov't Time	Total	Line Reference on Con't. Page
▮▮▮	Concepts of Computing	X					80		2	135.
"	Digital Computer Programming			X			40		1	136.
"	Fund Computer Concepts Program Techniques			X			160		2	137.
"	UNIVAC 900 Series			X			160		2	138.
"	UNIVAC 9300 Tape Assembler			X			160		2	139.
"	SOURCE TOTAL						480		8	
Grand Total: Students									634	
Grand Total: Employees									509	
Grand Totals: Gov't and Non-Gov't. Time							23,609	3,251		

25X1A